INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP97/03969

| 1 | SSIFICATION OF SUBJECT MATTER | | | | | | |
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| Int | . $C1^6$ H01L21/60, H01L23/12 | | | | | | |
| According to International Patent Classification (IPC) or to both national classification and IPC | | | | | | | |
| B. FIELDS SEARCHED | | | | | | | |
| | ocumentation searched (classification system followed b | | | | | | |
| | Int. C1 ⁶ H01L21/60, H01L23/12 | | | | | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1926 — 1996 — Jitsuyo Shinan Toroku Kokai Jitsuyo Shinan Koho 1971 — 1995 — Koho 1996 — 1997 Toroku Jitsuyo Shinan Koho 1994 — 1997 | | | | | | | |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) | | | | | | | |
| C. DOCU | C. DOCUMENTS CONSIDERED TO BE RELEVANT | | | | | | |
| Category* | Citation of document, with indication, where a | | Relevant to claim No. | | | | |
| Y A Y A Y A | JP, 8-330355, A (Shinko El Co., Ltd.), December 13, 1996 (13. 12 Column 8, lines 34 to 44; column 10, line 6; Figs. 9 JP, 8-78574, A (Shinko Ele Ltd.), March 22, 1996 (22. 03. 96 Column 5, line 7 to column & EP, 701278, A2 JP, 9-139401, A (Shinko El Co., Ltd.), May 27, 1997 (27. 05. 97), Column 4, line 6 to column Figs. 1 to 4 (Family: none | . 96), column 9, line 19 to , 10 & EP, 734065, A2 ctric Industries Co.,), 6, line 38; Fig. 1 ectric Industries 8, line 38; | 1 - 5 6 - 13 14 15 - 29 1 - 5 6 - 13 14 15 - 29 1 - 5 6 - 13 14 15 - 29 | | | | |
| X Further documents are listed in the continuation of Box C. See patent family annex. | | | | | | | |
| Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "B later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention | | | | | | | |
| "E" carlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other | | | | | | | |
| special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means | | combined with one or more other such of | step when the document is locuments, such combination | | | | |
| "P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family | | | | | | | |
| | uary 22, 1998 (22. 01. 98) | Date of mailing of the international sear | • | | | | |
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| Japanese Patent Office | | Authorized officer | | | | | |
| Facsimile N | Facsimile No. Telephone No. | | | | | | |
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP97/03969

| | | | E31/03909 | |
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| C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT | | | | |
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| | JP, 8-250498, A (Sony Corp.), September 27, 1996 (27. 09. 96), Column 4, line 42 to column 6, line 22; column 10, lines 15 to 30; Fig. 1 (Famil | ly: none) | 14 | |
| | JP, 2-77138, A (Hitachi, Ltd.), March 16, 1990 (16. 03. 90), Page 13, upper right column, lines 10 to Fig. 15 (Family: none) | 15; | 17 | |
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